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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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SHEET 1 of 11

**COMPLETE IF KNOWN**

Application Number	10/825,792
Confirmation Number	9078
Filing Date	April 16, 2004
First Named Inventor	John Geoffrey Chan, et al.
Group Art Unit	1744
Examiner Name	Shay Lynn Karls
Attorney Docket Number	9215

**U. S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1.	US- 301,644	07/08/1884	Thompson	
	2.	US- 1,022,920	04/09/1912	Anderson	
	3.	US- 1,125,532	01/19/1915	Himmel	
	4.	US- 1,128,139	02/09/1915	Hoffman	
	5.	US- 1,191,556	07/18/1916	Blake	
	6.	US- 1,251,250	12/25/1917	Libby	
	7.	US- 1,268,544	06/04/1918	Cates	
	8.	US- 1,495,675	05/27/1924	Colt	
	9.	US- 1,526,267	02/10/1925	Dessau	
	10.	US- 1,696,433	12/25/1928	Faubert et al.	
	11.	US- 1,704,564	03/05/1929	Friedland	
	12.	US- 1,707,118	03/26/1929	Goldberg	
	13.	US- 1,728,956	09/24/1929	Darmitzel	
	14.	US- 1,741,143	12/31/1929	Chin	
	15.	US- 1,764,130	06/17/1930	Vardeman	
	16.	US- 1,796,893	03/17/1931	McVeigh	
	17.	US- 1,797,946	03/24/1931	Eichel	
	18.	US- 1,863,389	06/14/1932	Anderson	
	19.	US- 1,868,368	07/19/1932	Reese	
	20.	US- 1,891,864	12/20/1932	Barrett	
	21.	US- 1,903,161	03/28/1933	Barkan	
	22.	US- 1,924,152	08/29/1933	Coney et al.	
	23.	US- 1,963,389	06/19/1934	Vardeman	
	24.	US- 1,993,662	03/05/1935	Green	
	25.	US- 2,029,031	01/28/1936	Novick	
	26.	US- 2,042,239	05/26/1936	Planding	
	27.	US- 2,049,956	08/04/1936	Greenberg	
	28.	US- 2,083,595	06/15/1937	Clarren	
	29.	US- 2,088,839	08/03/1937	Coney et al.	
	30.	US- 2,117,174	05/10/1938	Jones	
	31.	US- 2,123,407	07/12/1938	Dullea	
EXAMINER			DATE CONSIDERED		

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	Filing Date	April 16, 2004
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### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	32.	US- 2,129,082	09/06/1938	Byrer	
	33.	US- 2,139,245	12/06/1938	Ogden	
	34.	US- 2,140,307	12/13/1938	Belaschk et al.	
	35.	US- 2,141,969	12/27/1938	Benz	
	36.	US- 2,154,846	04/18/1939	Heymann et al.	
	37.	US- 2,155,473	04/25/1939	Coleman	
	38.	US- 2,176,309	10/17/1939	Love et al.	
	39.	US- 2,189,175	02/06/1940	Jackson	
	40.	US- 2,206,726	07/02/1940	Lasater	
	41.	US- 2,219,753	10/29/1940	Seguin	
	42.	US- 2,225,331	12/17/1940	Campbell	
	43.	US- 2,244,615	06/03/1941	Garcin	
	44.	US- 2,244,699	06/10/1941	Hosey	
	45.	US- 2,253,910	08/26/1941	Luenz	
	46.	US- 2,279,355	04/14/1942	Wilensky	
	47.	US- 2,312,828	03/02/1943	Adamsson	
	48.	US- 2,326,632	08/10/1943	Friedman	
	49.	US- 2,328,998	09/07/1943	Radford	
	50.	US- 2,364,205	12/05/1944	Fuller	
	51.	US- 2,574,654	11/13/1951	Moore	
	52.	US- 2,600,136	06/10/1952	Staunt	
	53.	US- 2,702,914	03/01/1955	Kittle et al.	
	54.	US- 2,790,441	04/30/1957	Oderman	
	55.	US- 2,807,820	10/01/1957	Dinhofer	
	56.	US- 3,007,441	11/07/1961	Eyer	
	57.	US- 3,016,554	01/16/1962	Peterson	
	58.	US- 3,050,072	08/21/1962	Diener	
	59.	US- 3,103,027	09/10/1963	Birch	
	60.	US- 3,128,487	04/14/1964	Vallis	
	61.	US- 3,183,538	05/18/1965	Hubner	
	62.	US- 3,230,562	01/25/1966	Birch	
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	63.	US- 3,242,516	03/29/1966	Cantor	
	64.	US- 3,258,805	07/05/1966	Rossnan	
	65.	US- 3,295,156	01/03/1967	Brant	
	66.	US- 3,302,230	02/07/1967	Poppelman	
	67.	US- 3,316,576	05/02/1967	Urbush	
	68.	US- 3,327,339	06/27/1967	Lemelson	
	69.	US- 3,337,893	08/29/1967	Fine et al.	
	70.	US- 3,359,588	12/26/1967	Kobler	
	71.	US- 3,403,070	09/24/1968	Lewis, JR.	
	72.	US- 3,411,979	11/19/1968	Lewis, JR.	
	73.	US- 3,465,751	09/09/1969	Powers	
	74.	US- 3,488,788	01/13/1970	S. Robinson	
	75.	US- 3,553,759	01/12/1971	Kramer et al.	
	76.	US- 3,613,143	10/19/1971	Muhler et al.	
	77.	US- 3,754,295	08/28/1973	Hyman	
	78.	US- 4,033,008	07/05/1977	Warren et al.	
	79.	US- 4,081,876	04/04/1978	Pugh	
	80.	US- 4,081,877	04/04/1978	Vitale	
	81.	US-4,083,078	04/11/1978	Shimizu	
	82.	US- 4,115,894	09/26/1978	Peterson	
	83.	US- 4,128,910	12/12/1978	Nakata et al.	
	84.	US- 4,150,457	04/24/1979	Larson	
	85.	US- 4,156,620	05/29/1979	Clemens	
	86.	US- 4,220,144	09/02/1980	Balais	
	87.	US- 4,263,691	04/28/1981	Pakarnseree	
	88.	US- 4,277,862	07/14/1981	Weidman	
	89.	US- 4,288,883	09/15/1981	Dolinsky	
	90.	US- 4,356,585	11/02/1982	Protell et al.	
	91.	US- 4,391,951	07/05/1983	Scheetz	
	92.	US- 4,403,623	09/13/1983	Mark	
	93.	US- 4,455,704	06/26/1984	Williams	
	94.	US- 4,472,853	09/25/1984	Rauch	
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<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 5px 0;">(use as many sheets as necessary)</p> <p>SHEET 4 of 11</p>	<p><b>COMPLETE IF KNOWN</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/825,792</td> </tr> <tr> <td>Confirmation Number</td> <td>9078</td> </tr> <tr> <td>Filing Date</td> <td>April 16, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>John Geoffrey Chan, et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Shay Lynn Karls</td> </tr> <tr> <td>Attorney Docket Number</td> <td>9215</td> </tr> </table>	Application Number	10/825,792	Confirmation Number	9078	Filing Date	April 16, 2004	First Named Inventor	John Geoffrey Chan, et al.	Group Art Unit	1744	Examiner Name	Shay Lynn Karls	Attorney Docket Number	9215
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	95.	US- 4,476,280	10/09/1984	Poppe et al.	
	96.	US- 4,480,351	11/06/1984	Koffler	
	97.	US- 4,488,327	12/18/1984	Snider	
	98.	US- 4,517,701	05/21/1985	Stanford, JR.	
	99.	US- 4,525,531	06/25/1985	Zukosky et al.	
	100.	US- 4,534,340	08/13/1985	Kerr, deceased et al.	
	101.	US- 4,545,087	10/08/1985	Nahum	
	102.	US- 4,585,416	04/29/1986	DeNiro et al.	
	103.	US- 4,603,166	07/29/1986	Poppe et al.	
	104.	US- 4,610,043	09/09/1986	Vezjak	
	105.	US- 4,616,064	10/07/1986	Zukosky et al.	
	106.	US- 4,617,342	10/14/1986	Poppe et al.	
	107.	US- 4,617,694	10/21/1986	Bori	
	108.	US- 4,623,495	11/18/1986	Degoix et al.	
	109.	US- 4,672,706	06/16/1987	Hill	
	110.	US- 4,827,550	05/09/1989	Graham et al.	
	111.	US- 4,833,194	05/23/1989	Kuan et al.	
	112.	US- 4,845,795	07/11/1989	Crawford et al.	
	113.	US- 4,852,202	08/01/1989	Ledwitz	
	114.	US- 4,880,382	11/14/1989	Moret et al.	
	115.	US- 4,882,803	11/28/1989	Rogers et al.	
	116.	US- 4,894,880	01/23/1990	Aznavoorian	
	117.	US- 4,802,255	02/07/1989	Breuer et al.	
	118.	US- 5,020,179	06/04/1991	Scherer	
	119.	US- 5,021,475	06/04/1991	Isayev	
	120.	US- 5,027,463	07/02/1991	Daub	
	121.	US- 5,033,150	07/23/1991	Gross et al.	
	122.	US- 5,034,450	07/23/1991	Betz et al.	
	123.	US- 5,040,260	08/20/1991	Michaels	
	124.	US- 5,046,213	09/10/1991	Curtis et al.	
	125.	US- 5,070,567	12/10/1991	Holland	
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	126.	US- 5,088,145	02/18/1992	Whitefield	
	127.	US- 5,114,214	05/19/1992	Barman	
	128.	US- 5,119,522	06/09/1992	Potts	
	129.	US- 5,137,039	08/11/1992	Klinkhammer	
	130.	US- 5,148,567	09/22/1992	Daub	
	131.	US- 5,170,525	12/15/1992	Cafaro	
	132.	US- 5,228,466	07/20/1993	Klinkhammer	
	133.	US- 5,230,118	07/27/1993	Chamma	
	134.	US- 5,291,878	03/08/1994	Lombardo et al.	
	135.	US- 5,313,909	05/24/1994	Tseng et al.	
	136.	US- 5,325,560	07/05/1994	Pavone et al.	
	137.	US- 5,331,704	07/26/1994	Rosen et al.	
	138.	US- 5,334,646	08/02/1994	Chen	
	139.	US- 5,335,389	08/09/1994	Curtis et al.	
	140.	US- 5,360,025	11/01/1994	Klinkhammer	
	141.	US- 5,360,026	11/01/1994	Klinkhammer	
	142.	US- 5,371,602 or 5373602	12/20/1994	Kook B. Bang	
	143.	US- 5,392,483	02/28/1995	Heinzelman et al.	
	144.	US- 5,446,940	09/05/1995	Curtis et al.	
	145.	US- 5,535,474	07/16/1996	Salazar	
	146.	US- 5,604,951	02/25/1997	Shipp	
	147.	US- 5,617,603	04/08/1997	Mei	
	148.	US- 5,628,082	05/13/1997	Moskovich	
	149.	US- 5,669,097	09/23/1997	Klinkhammer	
	150.	US- 5,723,543	03/03/1998	Modic	
	151.	US- 5,735,011	04/07/1998	Asher	
	152.	US- 5,810,856	09/22/1998	Tveras	
	153.	US- 5,836,033	11/17/1998	Berge	
	154.	US- 5,842,249	12/01/1998	Sato	
	155.	US- 5,920,941	07/13/1999	Iannota	
	156.	US- 5,946,759	09/07/1999	David Victor Cann	
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	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	157.	US- 5,970,564	10/26/1999	Inns et al.	
	158.	US- 5,987,688	11/23/1999	Roberts et al.	
	159.	US- 6,006,394	12/28/1999	Bredall et al.	
	160.	US- 6,067,684	05/30/2000	Kweon	
	161.	US- 6,085,379	07/11/2000	Stafford	
	162.	US- 6,102,923	08/15/2000	Murayama	
	163.	US- 6,209,164 B1	04/03/2001	Sato	
	164.	US- 6,254,390 B1	07/03/2001	Eugene C. Wagner	
	165.	US- 6,308,364 B1	10/30/2001	Arone	
	166.	US- 6,308,365 B1	10/30/2001	Huang	
	167.	US- 6,334,232 B1	01/01/2002	Sato	
	168.	US- 6,345,405 B1	02/12/2002	Brackin	
	169.	US- 6,360,395 B2	03/26/2002	Blaustein et al.	
	170.	US- 6,371,294 B1	04/16/2002	Blaustein et al.	
	171.	US- 6,463,618 B1	10/15/2002	Zimmer	
	172.	US- 6,513,182 B1	02/04/2003	Calabrese et al.	
	173.	US- 6,571,417 B1	06/03/2003	Gavney, Jr. et al.	
	174.	US- 6,599,048 B2	07/29/2003	Kuo	
	175.	US- 6,658,688 B2	12/09/2003	Gavney, Jr.	
	176.	US- 6,671,919 B2	01/06/2004	Davis	
	177.	US- 6,792,642 B2	09/21/2004	Wagstaff	
	178.	US- 6,820,300 B2	11/23/2004	Gavney, Jr.	
	179.	US- 6,859,969 B2	03/01/2005	Gavney, Jr. et al.	
	180.	US- 6,895,624 B2	05/24/2005	Fischer et al.	
	181.	US- 6,895,629 B1	05/24/2005	Wenzler	
	182.	US- 6,938,293 B2	09/06/2005	Eliav et al.	
	183.	US- 6,966,093 B2	11/22/2005	Eliav et al.	
	184.	US- 7,036,180 B2	05/02/2006	Hanlon	
	185.	US- 7,073,225 B1	07/11/2006	Ford	
	186.	US- 7,137,163 B2	11/21/2006	Gatzemeyer et al.	
	187.	US- 7,143,462 B2	12/05/2006	Hohlbein	
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		Number - Kind Code <sup>2</sup> (if known)			
	188.	US- Des. 330,286	10/20/1992	Curtis et al.	
	189.	US- Des. 345,054	03/15/1994	Spence, Jr.	
	190.	US- Des. 350,851	09/27/1994	Spence, Jr.	
	191.	US- Des. 434,563	12/05/2000	Lim et al.	
	192.	US- Re. 26,688	10/14/1969	Lemelson	
	193.	US- RE 39,185 E	07/18/2006	Noe et al.	
	194.	US- 2002/0152563 A1	10/24/2002	Sato	
	195.	US- 2003/0033680 A1	02/20/2003	Davies et al.	
	196.	US- 2003/0033682 A1	02/20/2003	Davies et al.	
	197.	US- 2003/0077107 A1	04/24/2003	Kuo	
	198.	US- 2003/0140440 A1	07/31/2003	Gavney, Jr.	
	199.	US- 2003/0196283 A1	10/23/2003	Eliav et al.	
	200.	US- 2003/0229959 A1	12/18/2003	Gavney, Jr. et al.	
	201.	US- 2004/0010869 A1	01/22/2004	Fattori et al.	
	202.	US- 2004/0025275 A1	02/12/2004	Moskovich et al.	
	203.	US- 2004/0060132 A1	04/01/2004	Gatzemeyer et al.	
	204.	US- 2004/0060133 A1	04/01/2004	Eliav	
	205.	US- 2004/0060137 A1	04/01/2004	Eliav	
	206.	US- 2004/0134007 A1	07/15/2004	Davies	
	207.	US- 2004/0168271 A1	09/02/2004	McDougall	
	208.	US- 2004/0221409 A1	11/11/2004	Gavney, Jr.	
	209.	US- 2004/0231076 A1	11/25/2004	Gavney, Jr.	
	210.	US- 2004/0231082 A1	11/25/2004	Gavney, Jr.	
	211.	US- 2004/0237236 A1	12/02/2004	Gavneym Jr.	
	212.	US- 2004/0237995 A1	12/02/2004	Mualem et al.	
	213.	US- 2004/0255416 A1	12/23/2004	Hohlbein	
	214.	US- 2005/0000043 A1	01/06/2005	Chan et al.	
	215.	US- 2005/0015901 A1	01/27/2005	Gavney, Jr.	
	216.	US- 2005/0038461 A1	02/17/2005	Phillips	
	217.	US- 2005/0166344 A1	08/04/2005	Hohlbein et al.	
	218.	US- 2005/0210612 A1	09/29/2005	Hohlbein et al.	
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	Attorney Docket Number	9215

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	219.	US- 2005/0210613 A1	09/29/2005	Wagstaff	
	220.	US- 2006/0010628 A1	01/19/2006	Moskovich	
	221.	US- 2006/0026784 A1	02/09/2006	Moskovich et al.	
	222.	US- 2006/0047292 A1	03/02/2006	Reed	
	223.	US- 2006/0052806 A1	03/09/2006	Xi et al.	
	224.	US- 2006/0064833 A1	03/30/2006	Jacobs	
	225.	US- 2006/0085932 A1	04/27/2006	Santos	
	226.	US- 2006/0129171 A1	06/15/2006	Moskovich	
	227.	US- 2006/0195995 A1	09/07/2006	Moskovich et al.	
	228.	US- 2006/0200925 A1	09/14/2006	Moskovich	
	229.	US- 2006/0248668 A1	11/09/2006	Rosenblood et al.	
	230.	US- 2006/0272113 A1	12/07/2006	Cato et al.	
		US-			
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### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	231.	DE	24 02 785		03/15/1979	Lohmann		Yes
	232.	DE	31 14507A1		03/24/1983	Kraft		Yes
	233.	DE	36 28722A1		02/25/1988	Weihrach		Yes
	234.	EPO	0 360 766 A1		03/28/1990	Marino		
	235.	JP	1-72128		05/15/1989	Endo et al.		Yes
	236.	JP	2-119031		05/07/1990	Sano Ko et al.		Yes
	237.	JP	2-180203		07/13/1990	Wakita Shoji		Yes
	238.	JP	9140456 A		06/03/1997	Okada Hiroyuki et al		Abstract
	239.	JP	2000-300345		10/31/2000	Suzuki Akira et al.		Abstract
	240.	JP	2000-300347		10/31/2000	Suzuki Akira et al.		Abstract
	241.	JP	2000-308524		11/07/2000	Suzuki Akira et al.		Abstract
	242.	JP	2000-157338		06/13/2000	Suzuki Akira et al.		Abstract
	243.	WO	96/15696		05/30/1996	Flewitt		
	244.	WO	96/23431		08/08/1996	Masterman et al.		
	245.	WO	96/28994		09/26/1996	Moskovich		
	246.	WO	98/18364		05/07/1998	Volpenhein		
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	247.	WO	99/60886A1		12/02/1999	Ivan Durana		
	248.	WO	00/76369A2		12/21/2000	The Procter & Gamble Co.		
	249.	WO	00/76369A3		12/21/2000	The Procter & Gamble Co.		
	250.	WO	03/086140 A1		10/23/2003	Huber et al.		Abstract
	251.	WO	04/014181 A1		02/19/2004	Moskovich et al.		
	252.	WO	2005/084486A1		09/15/2005	Clos et al.		
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